Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Yong-kuk Jeong, et al

Filing Date:

Herewith

Title:

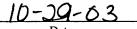
METHOD OF MANUFACTURING CAPACITOR OF SEMICONDUCTOR

DEVICE BY SIMPLIFYING PROCESS OF FORMING DIELECTRIC

LAYER AND APPARATUS THEREFOR

CERTIFICATE OF MAILING UNDER 37 C.F.R.§ 1.10

"Express Mail" Mailing Label Number <u>EV322656012US</u> I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Date



Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

- 1. New Application Transmittal;
- 2. New Patent Application;
- 3. Executed Declaration, Petition and Power of Attorney;
- 4. Eight (8) Sheets of Formal Drawings (Figures 1-13);
- 5. Certified Copy of Priority Document Korean Application No. 02-75693;
- 6. Check in the amount of \$770.00 to cover application filing fee;
- 7. Information Disclosure Statement;
- 8. PTO-1449 form and a copies of cited references AL and AM;
- 9. Assignment Recordation Form Cover Sheet - PTO-1595;
- 10. Executed Assignment;
- 11. Check in the amount of \$40.00 to cover Assignment Recordation fee; and
- 12. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: <u>ttolu 29, 2003</u> MILLS & ONELLO LLP

Eleven Beacon Street, Suite 605

Boston, MA 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774

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Anthony P. Onello, Jr.
Registration Number 38,572
Attorney for Applicant

10/696465

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

	NEW APPLICATION	TRANSMITTAL
Tran	asmitted herewith for filing is the patent application of	
Inve	Myong-kuk Jeong Myong-geun Yoon Seok-jun Won Dae-jin Kwon	
For ((title): METHOD OF MANUFACTURING CAPACITOR OF SEMICONDUCTOR DEVICE BY SIMPLIFYING PROCESS OF FORMING DIELECTRIC LAYER AND APPARATUS THEREFOR	CERTIFICATE OF MAILING 37 C.F.R. § 1.10 "Express Mail" Mailing Label Number EV322656012US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for
1.	Type of Application This new application is for a(n)	Patents, P.O. Box 1450, Alexandria NA 22313-1450. Date: 10-39-03
	☑ Original (nonprovisional)	Print Name
	□ Design	
	☐ Plant	
	☐ Divisional.	
	☐ Continuation.	
	☐ Continuation-in-part (C-I-P).	
2.	Benefit of Prior Application(s)	
	The new application being transmitted claim no. 02-75693. See Item 7.	ns the benefit of prior Korean application
3.	Papers Enclosed	
	15 Pages of specification	
	2 Pages of claims	·
	1 Page of Abstract	•
	8 Sheets of drawings ☑ formal ☐ informal	
	Page of Cover Sheet	
	The enclosed drawing(s) are photograph(s), and there PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.	

₹.	Auun	101141	papers	enclosed			
		Prel	iminary	Amendment			
	\boxtimes	Info	formation Disclosure Statement (37 C.F.R. 1.98)				
	\boxtimes	Form	ı PTO-1	1449 (PTO/SB/08A and 08B)			
	\boxtimes	Copi	es of cit	ted references			
		Decl	aration	of Biological Deposit			
			Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleoticle and/or amino acid sequence.				
		Auth	norizatio	on of Attorney(s) to Accept and Follow Instructions from Representative			
		Spec	cial Con	nments			
	\boxtimes	Othe	er: Retu	rn Postcard.			
5.	Declaration or oath						
	\boxtimes	Encl	losed				
			Unexec	cuted			
		\boxtimes	☑ Executed by				
			\boxtimes	inventors			
				legal representative of inventor(s). 37 CFR 1.42 or 1.43.			
				joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.			
				This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.			
Application is made inventor(s).				is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named			
				Showing that the filing is authorized.			
6.	Assig	nment	:				
	An assignment of the invention to Samsung Electronics Co., Ltd.						
		is attached. A separate □ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☑ FORM PTO 1595 is also a					
			will fol	low.			

7.

Certified Copy

Certified copy(ies) of application(s)

from which priority is claimed

is (are) attached.

□ will follow.

8. Fee Calculation (37 C.F.R. 1.16)

		C	LAIMS AS FILED		
	Number fi	led	Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$770.00
Total Claims (37 CFR 1.16(c))	20	- 20 =	0	\$ 18.00	\$770.00
Independent Claims (37 CFR 1.16(b))	3	- 3 =	0	\$ 86.00	\$00.00
Multiple dependent claim(if any (37 CFR 1.16(d))	(s),		+	\$290.00	

Ш	A Preliminary Amendment canceling claims is enclosed. The filing fee is calculated based on
	the number of claims remaining after entry of the Preliminary Amendment.
	Amendment deleting multiple-dependencies is enclosed.
	Fee for extra claims is not being paid at this time.

Filing Fee Calculation

<u>\$770.00</u>

	□ Not Enclosed
	No filing fee is to be paid at this time. (This and the surcharge required by 3 7 C. F.R. 1.16(e) can be paid subsequently.)
	⊠ Enclosed
	Basic filing fee \$ 770.00
	Recording assignment (\$40.00; 37 C.F.R. 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".) \$\frac{40.00}{40.00}\$
	Total fees enclosed \$\\ \\$10.00
10.	Method of Payment of Fees
	☐ Checks in the amounts of \$ 770.00 and \$40.00
	Charge Account No. 50-1798 in the amount of \$ A duplicate of this transmittal is attached.
11.	Authorization to Charge Additional Fees
	The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.
	☑ 37 C.F.R. 1.16(a), (f) or (g) (filing fees)
	☑ 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)
	☐ 37 C.F.R. 1. 1 6(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
	☐ 37 C.F.R. 1.17 (application processing fees)
	☐ 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

Fee Payment Being Made at This Time

9.

12.	Instructions as to Overpayment		
	\boxtimes	Credit Account No. 50-1798	
		Refund	

MILLS & ONELLO LLP
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Boston, MA 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774 J:\SAM\0477\pattransltr.wpd Respectfully submitted,

Anthony P. Onello, Jr.
Registration Number 38,572
Attorney for Applicant